

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An application aid (4) for introducing a material (12) for treatment of bone defects into a natural bone or a natural bone structure, with comprising

- a substantially flexible and tubular or sleeve-shaped outer part (2) which is composed of at least two components (3, 4) that are coaxially displaceable in one another,
- a substantially flexible, ~~preferably tubular or sleeve-shaped~~ inner part (7), and
- a discharge orifice (11) for the material, ~~preferably on the outer part (2).~~

2. (Currently Amended) The application aid as claimed in claim 1, characterized ~~in that~~ further comprising gripping means, ~~preferably handgrips (5, 6),~~ are provided on the components (3, 4) of the outer part (2) for displacing them in one another.

3. (Currently Amended) The application aid as claimed in claim 1 ~~or claim 2,~~ characterized ~~in that~~ further comprising at least one guide means, ~~preferably in the form of at least one guide wire, is provided and extends~~ extending substantially along the entire length of the application aid, ~~preferably inside the inner part.~~

4. (Currently Amended) The application aid as claimed in ~~one of the preceding claims~~ claim 1, characterized ~~in that wherein~~ the discharge orifice (11) for the material (12) is provided at an end of the application aid (1), preferably of the outer part (2), designed in the shape of a tip (10).

5. (Currently Amended) The application aid as claimed in ~~one of the preceding claims~~ claim 1, characterized ~~in that wherein~~, in the inside of the outer part (2), at least one preferably membrane-like or film-like element (8) is provided that can be moved at least partially radially outward.

6. (Currently Amended) The application aid as claimed in claim 5, characterized ~~in that wherein~~ the preferably at least one membrane-like or film-like elements (8) ~~are~~ element is secured on the inner part (7) or at least partially form the inner part.

7. (Currently Amended) The application aid as claimed in claim 5 ~~or claim 6~~, characterized ~~in that wherein~~ the preferably at least one membrane-like or film-like elements ~~are~~ element is arranged on the outside surface of a balloon-like element.

8. (Currently Amended) The application aid as claimed in claim 5 ~~or claim 6~~, characterized ~~in that wherein~~ the preferably at least one membrane-like or film-like elements (8) ~~form~~ element forms the wall of a balloon-like element.

9. (Currently Amended) The application aid as claimed in claim ~~7 or claim 8~~, characterized ~~in that wherein~~ the balloon-like element (8) is inflatable, the inner part (7)

itself preferably being able to be subjected to pressure and/or a tubular element being guided through the inner part.

10. (Currently Amended) The application aid as claimed in ~~claim 7 or claim 8,~~ characterized in that wherein the balloon-like element is self-expandable, preferably being made of a shape memory material.

11. (Currently Amended) The application aid as claimed in ~~one of claims claim 6~~ through 10, characterized in that wherein the preferably at least one membrane-like or film-like elements and/or the balloon-like element are is secured releasably.

12. (Currently Amended) The application aid as claimed in ~~one of claims claim 5~~ through 11, characterized in that wherein the preferably at least one membrane-like or film-like elements and/or the balloon-like element are is made of a bioabsorbable material, preferably a bioabsorbable plastic.

13. (Currently Amended) The application aid as claimed in ~~one of the preceding~~ claims claim 1, characterized in that, ~~on the outer part (2) and/or on the inner part,~~ further comprising marking means (13, 14) ~~are provided for detecting the relative~~ displacement of the components of the outer part and/or for detecting the discharging of material.

14. (Currently Amended) The application aid as claimed in ~~one of the preceding~~
~~claims claim 1, characterized in that~~ wherein the application aid (1) is filled with a
material (12) for treatment of bone defects.

15. (Currently Amended) The application aid as claimed in claim 14,
~~characterized in that~~ wherein the outer part is filled at least partially, ~~preferably~~
~~completely,~~ with the material.

16. (Currently Amended) The application aid as claimed in claim 15,
~~characterized in that~~ wherein only the volume between the inner part and/or the optional
~~preferably at least one~~ membrane-like or film-like ~~elements~~ element and the wall of the
outer part is filled with the material.

17. (Currently Amended) The application aid as claimed in claim 15,
~~characterized in that it is essentially~~ wherein only the volume to the inside of the
~~optional preferably at least one~~ membrane-like or film-like ~~elements~~ that element is filled
with the material.

18. (Currently Amended) The application aid as claimed in claim 15,
~~characterized in that, when preferably membrane like or film like elements are provided,~~
~~both the volume between these elements~~ the at least one membrane or film-like
element and the wall of the outer part and also the volume within these elements is filled
with the material.

19. (Currently Amended) A kit for the treatment of bone defects, ~~characterized in that it comprises~~ comprising at least one application aid as claimed in ~~one of the preceding claims~~ claim 1.

20. (New) The application aid as claimed in claim 1, wherein the inner part is tubular or sleeve-shaped.

21. (New) The application aid as claimed in claim 1, wherein the discharge orifice is provided on the outer part.

22. (New) The application aid as claimed in claim 2, wherein the gripping means comprise handgrips.

23. (New) The application aid as claimed in claim 3, wherein the guide means comprises a guide wire.

24. (New) The application aid as claimed in claim 7, wherein the balloon-like element is inflatable, the inner part itself being able to be subjected to pressure and/or a tubular element being guided through the inner part.

25. (New) The application aid as claimed in claim 7, wherein the balloon-like element is self-expandable.

26. (New) The application aid as claimed in claim 6, wherein the at least one membrane-like or film-like element is made of a bioabsorbable plastic.

27. (New) The application aid as claimed in claim 7, wherein the balloon-like element is made of a bioabsorbable material.

28. (New) The application aid as claimed in claim 8, wherein the balloon-like element is made of a bioabsorbable plastic.

29. (New) The application aid as claimed in claim 10, wherein the balloon-like element is made of a shape-memory material.

30. (New) The application aid as claimed in claim 25, wherein the balloon-like element is made of a shape-memory material.

31. (New) The application aid as claimed in claim 23, wherein the guide wire extends inside the inner part.